

## Device for determining the rate of injection in internal combustion engines or the like

Veröffentlichungsnummer DE3830510

Veröffentlichungsdatum: 1989-12-14

Erfinder

Anmelder:

Klassifikation:

- Internationale: F02M57/00; F02M65/00; G01L1/18; G01L1/22;  
G01M15/00

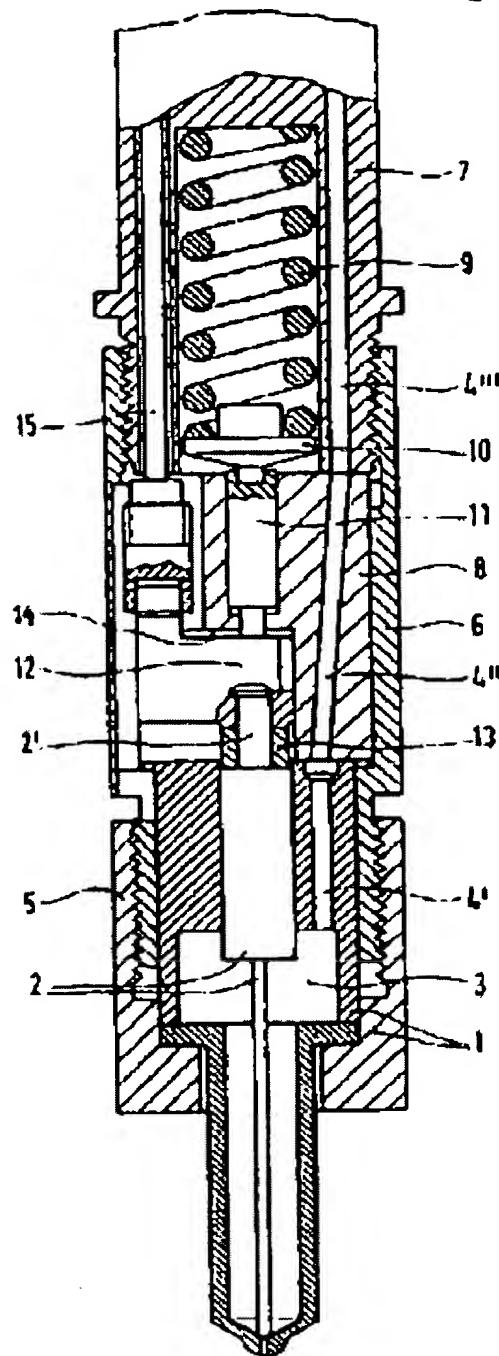
- Europäische: F02M65/00D

Anmeldenummer: DE19883830510 19880908

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### Zusammenfassung von DE3830510

A force sensor (12), the signals from which represent both the forces between closing spring (9) and closing element (2) and the forces between closing element (2) and stop (14), is arranged between the closing element (2) of the injection valve and its closing spring (9). The pressure in the nozzle prechamber (3) and hence also the rate of injection can thereby be calculated in all phases by means of a computer and used as guide variable for the engine control.



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